

Title (en)  
PROCESS FOR SULTAMICILLIN INTERMEDIATE.

Title (de)  
VERFAHREN FÜR SULTAMICILLINZWISCHENPRODUKT.

Title (fr)  
PROCEDE D'OBTENTION D'UN INTERMEDIAIRE DE SULTAMICILLINE.

Publication  
**EP 0524959 B1 19940720**

Application  
**EP 91906121 A 19910315**

Priority  
• US 9101765 W 19910315  
• US 50925690 A 19900413

Abstract (en)  
[origin: WO9116326A1] A simplified method for making the chloromethyl ester of sulbactam in which the tetraalkylammonium sulbactam salt is not dried and isolated prior to alkylation. The method comprises reacting a tetraalkylammonium salt and a sulbactam salt in an aqueous solution to form an aqueous solution of tetraalkylammonium sulbactam. The tetraalkylammonium sulbactam is extracted into bromochloromethane or iodochloromethane, and water is removed from the organic layer to enhance the formation of the chloromethyl ester of sulbactam. The tetraalkylammonium sulbactam is reacted with bromochloromethane or iodochloromethane in the organic layer to form the chloromethyl ester of sulbactam.

IPC 1-7  
**C07D 499/86**

IPC 8 full level  
**C07D 499/87** (2006.01); **C07D 499/00** (2006.01); **C07D 499/86** (2006.01); **C07D 499/897** (2006.01)

CPC (source: EP US)  
**C07D 499/00** (2013.01 - EP US)

Cited by  
KR100820983B1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**WO 9116326 A1 19911031**; AT E108797 T1 19940815; CA 2078217 A1 19911014; CA 2078217 C 20000222; DE 69103003 D1 19940825; DE 69103003 T2 19941103; DK 0524959 T3 19940912; EP 0524959 A1 19930203; EP 0524959 B1 19940720; ES 2057876 T3 19941016; FI 100971 B 19980331; FI 924608 A0 19921012; FI 924608 A 19921012; HU 212413 B 19960628; HU 913930 D0 19920928; HU T62591 A 19930528; IE 63599 B1 19950517; IE 911238 A1 19911023; JP H05502450 A 19930428; JP H06104671 B2 19941221; KR 0164866 B1 19990115; PT 97324 A 19911231; PT 97324 B 19980831; US 5399678 A 19950321

DOCDB simple family (application)  
**US 9101765 W 19910315**; AT 91906121 T 19910315; CA 2078217 A 19910315; DE 69103003 T 19910315; DK 91906121 T 19910315; EP 91906121 A 19910315; ES 91906121 T 19910315; FI 924608 A 19921012; HU 321492 A 19910315; HU 393091 A 19910315; IE 123891 A 19910412; JP 50623391 A 19910315; KR 920702516 A 19921012; PT 9732491 A 19910411; US 92728892 A 19920928